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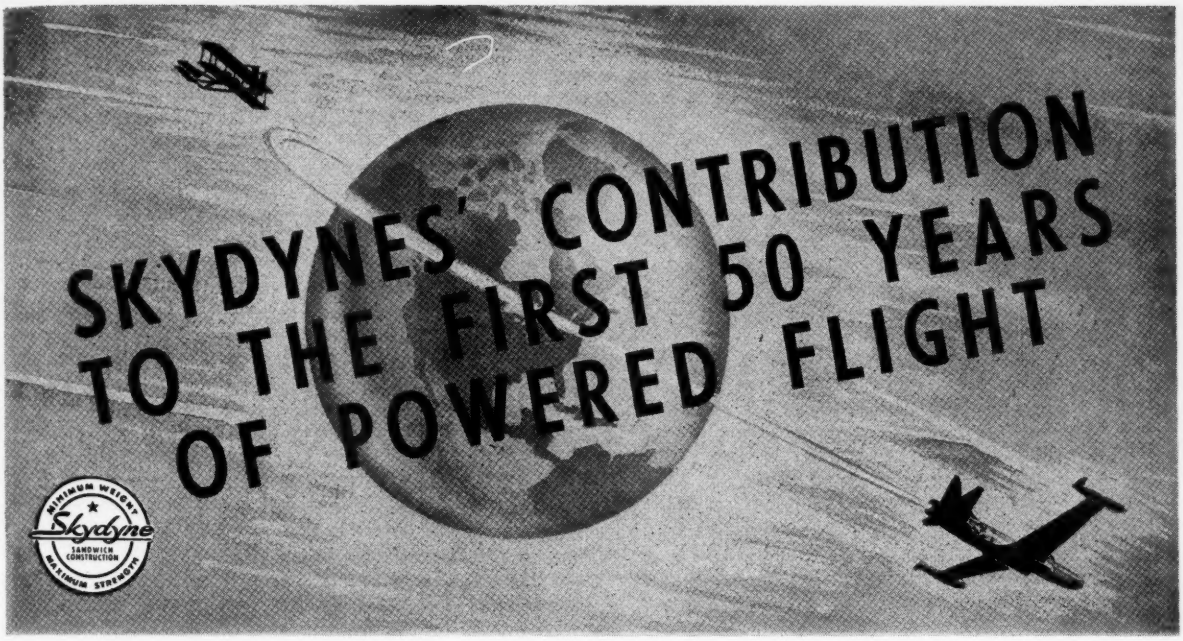
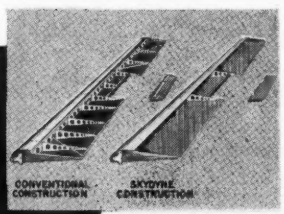
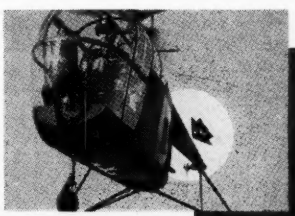


In the midst of the fastest moving age the world has ever known, it is well to stop and give honor to the accomplishment of this age, which has most captured the imaginations of the people as a whole . . . Powered Flight, and to the names which have come to be synonymous with Powered Flight, Wilbur and Orville Wright.

Almost as wonderful as the aeroplane itself has been the rapid improvement in the quality of its flight and its blinding speed, which has tended to shrink the very world we live in. This vast improvement during the industry's infant years has been in great measure due to hundreds of little people and thousands of inventions, all tiny in themselves but as a whole, great in their power to improve. We at Skydyne are proud to have been responsible for a few of these improvements:

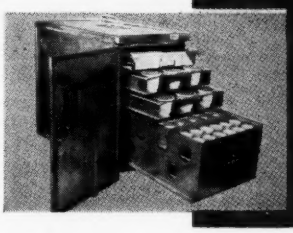


SKYDYNE DESIGNED AND BUILT FIRST SANDWICH TYPE AILERONS
Skydyne developed, designed and constructed the first sandwich type primary structure ever used in the U. S. This was an aileron for the SNJ-2 in 1940.



SKYDYNE DESIGNED AND BUILT FIRST TRUE SANDWICH MONOCOQUE FUSELA
Skydyne designed and built the first true sandwich monocoque fuselage tail boom. First used in the GA-45 Helicopter in 1944. This revolutionary construction minimized vibration and greatly reduced the weight of this type construction.

SKYDYNE BUILT FIRST SAND ICH TYPE ROTOR BLADE
Skydyne designed and built the first sandwich type rotor blade for the Air Forces. It was first used in Helicopter XR-G in 1944.



SKYDYNE DESIGNED AND BUILT FIRST SANDWICH TYPE FOOD LOCKER
Designed for a major air line, the new type food locker was of lightweight durable construction. It consisted of aluminum faces with a light insulating material as a core. It preserved foods for specified flight times.

SKYDYNE BUILT LIGHTWEIGHT SPARE PARTS CASES FOR B-29
Skydyne designed and built lightweight spare parts cases for the famous B-29. This unique case allowed the crew chief to keep track of valuable spare parts; kept the famous ships flying longer.

SKYDYNE IN BASIC RESEARCH
Skydyne carried on, sponsored and published the first basic data on sandwich material and sandwich structure. This and subsequent work was conducted by Dr. S. E. Mautner, chief engineer of Skydyne, and Dr. Nicholas J. Hoff. This data is widely quoted and is used as reference material and in text books. It was first presented on April 27, 1944, at the National Light Aircraft Meeting of the Institute of Aeronautical Sciences, in Detroit.

SKYDYNE BUILT FIRST AIRBORNE CASE FOR SIGNAL CORPS
Skydyne designed and built the first lightweight, sandwich type, airborne radar antenna and radar instrument cases for the Signal Corps in 1942. Lighter in weight and smaller in overall volume, they helped save valuable payload.

SKYDYNE ORIGINATED SANDWICH CONSTRUCTION IN THE UNITED STATES . . . SKYDYNE OWNS THE FIRST PATENT FOR SANDWICH TYPE CONSTRUCTION EVER ISSUED IN THE UNITED STATES.

SKYDYNE Inc. RIVER ROAD, PORT JERVIS, NEW YORK

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